

Name: \_\_\_\_\_

**pb1103: Factoring when  $a = \text{prime}$  (v48)**

1. Factor the expression  $7x^2 + 60x - 27$

2. Factor the expression  $7x^2 - 44x - 35$

3. Factor the expression  $5x^2 + 31x + 6$

4. Factor the expression  $11x^2 + 91x - 72$

5. Factor the expression  $11x^2 - 40x + 21$

6. Factor the expression  $5x^2 - 41x + 42$

7. Factor the expression  $11x^2 + 53x + 36$

8. Factor the expression  $11x^2 - 82x + 35$

9. Factor the expression  $5x^2 - 23x - 42$

10. Factor the expression  $11x^2 - 46x + 8$